



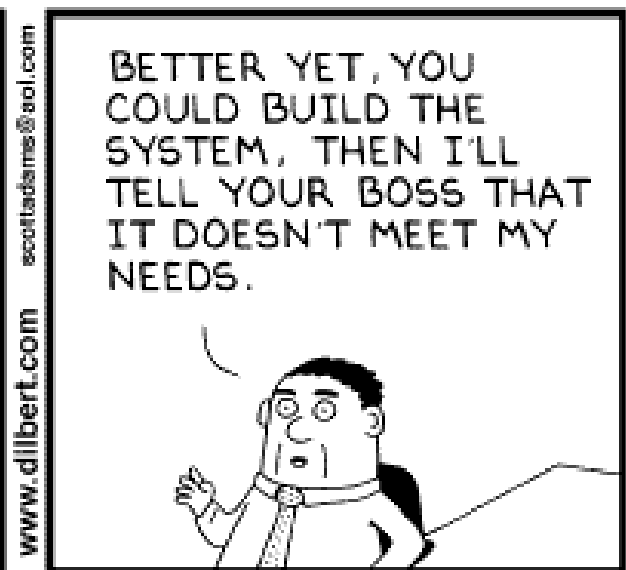
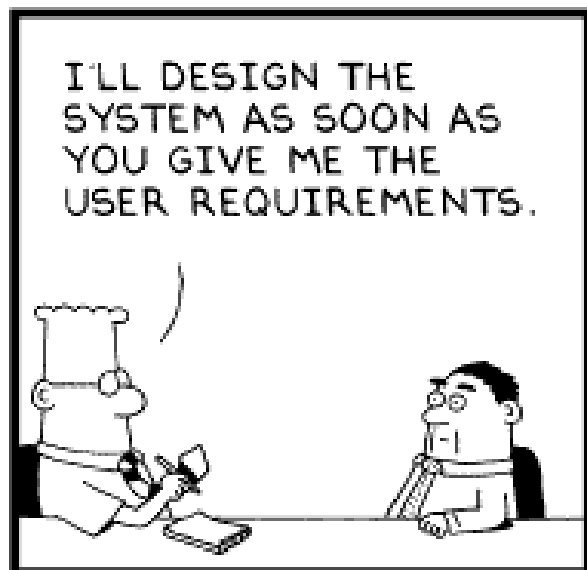


Introduction to the Joint Capabilities Integration and Development System (JCIDS)

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Just a Thought



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Previous Requirements and Acquisition Process

Frequently produced stovepiped system solutions

- **Requirements were Service rather than Joint focused**
 - **Lacked construct for objective analysis**
 - **Systems not necessarily integrated**
 - **Duplication existed, particularly in smaller programs**
 - **Evolutionary acquisition not well institutionalized**
 - **Joint warfighting needs not prioritized**

Summary of Changes



JCIDS seeks to:

- **Enhance methodology to identify and describe capabilities gaps**
- **Mandate broader review of capability proposals**
- **Engage the acquisition community early**
- **Better define non-materiel aspects of materiel solutions**
- **Prioritize capability gaps and proposals**
- **Improved coordination with other departments**



JCIDS Instruction and Manual

**Developed in conjunction with DoD
5000 Series**

CJCSI 3170.01C

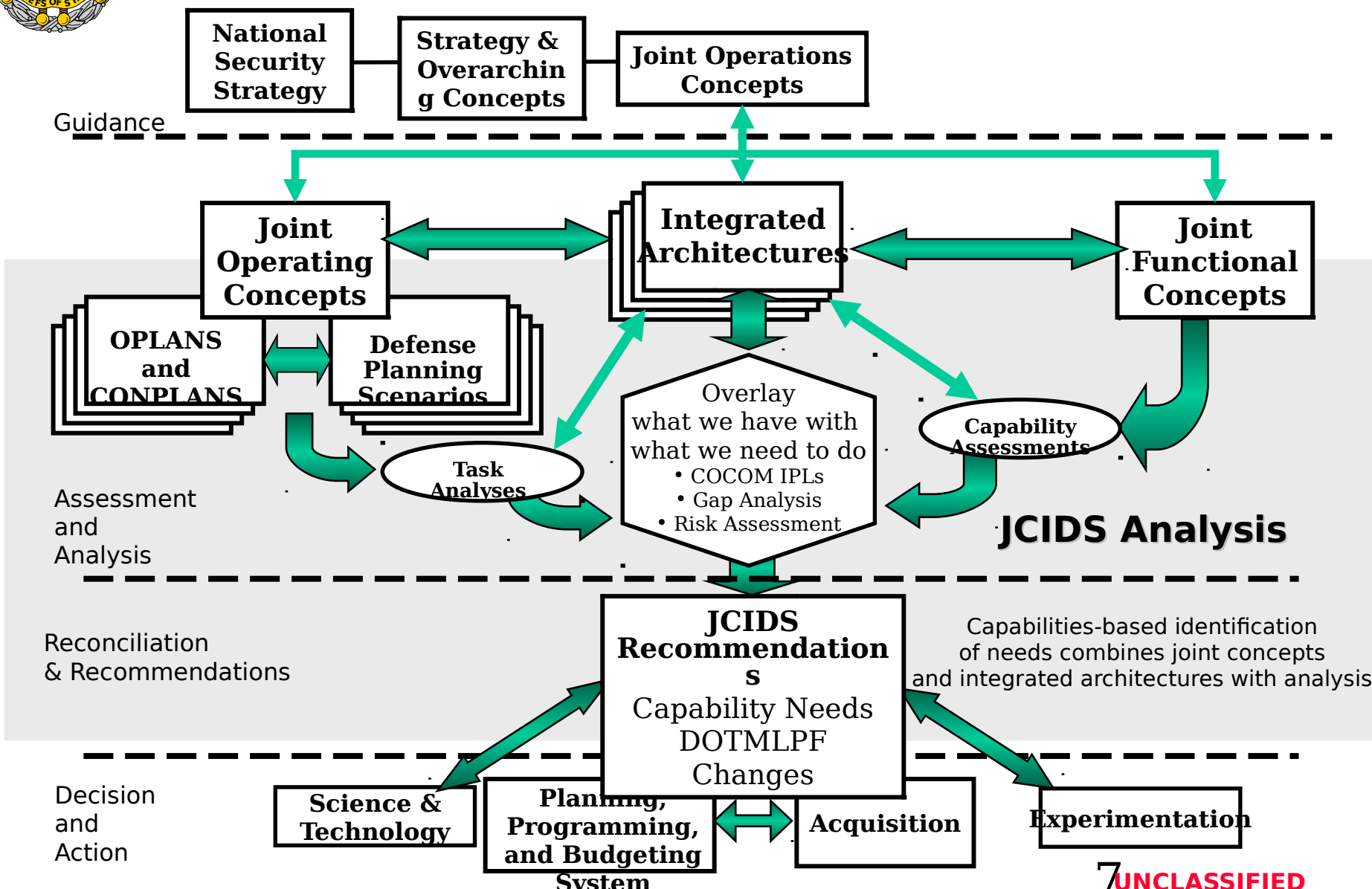
- **Top-level description**
- **Organizational responsibilities**

CJCSM 3170.01

- **JCIDS Analysis Process**
- **Define performance attributes & key performance parameters**
- **Validation & approval process**
- **Document content**



Future Capabilities Needs Identification





Functional-Operational Relationships

	Major Combat Operations (JFCOM)	Homeland Security (NORTHCOM)	Stability Operations (JFCOM)	Strategic Deterrence (STRATCOM)
Battlespace Awareness				
Command and Control				
Force Application				
Protection				
Focused Logistics				

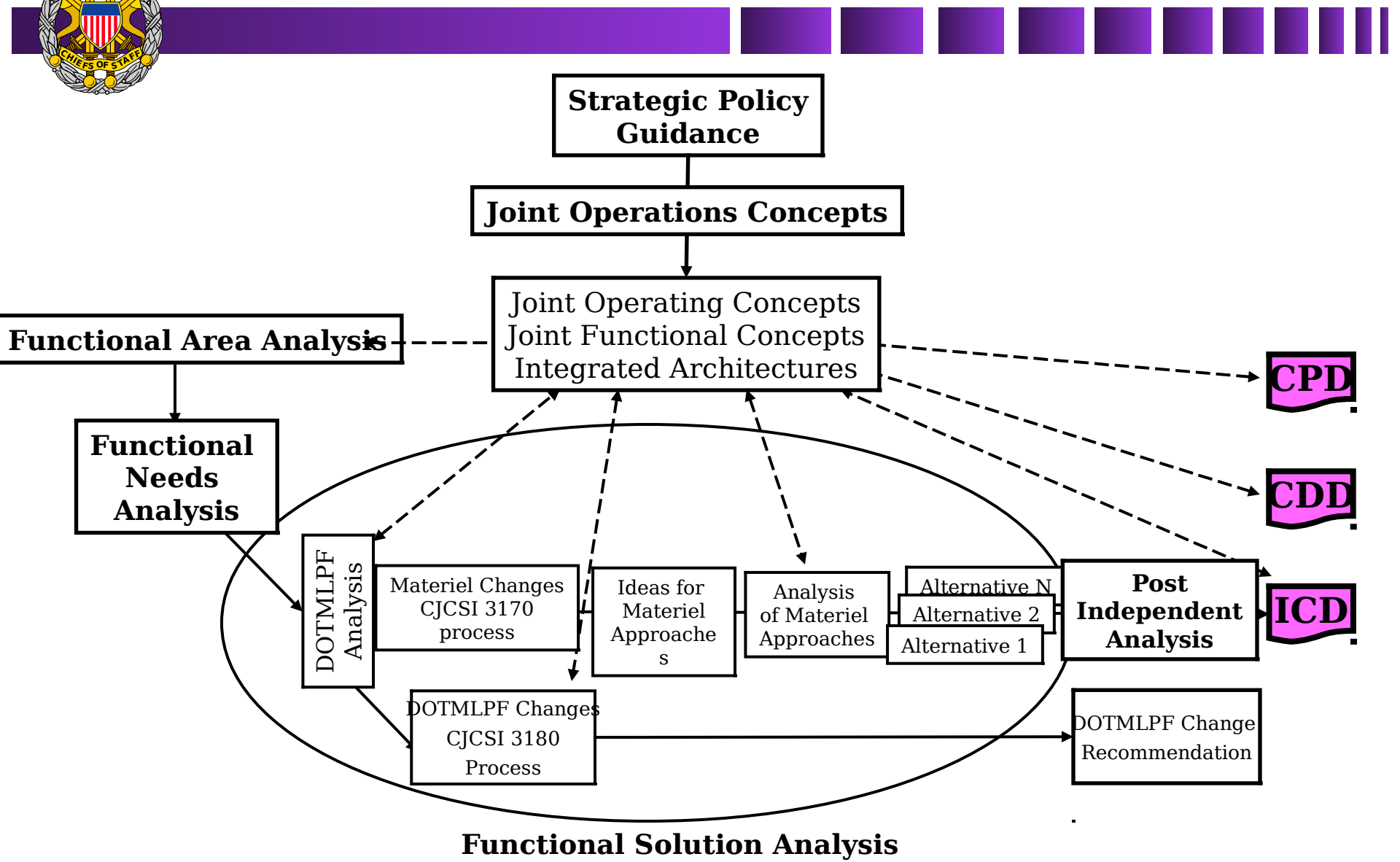


JCIDS Analysis

- **Functional Area Analysis (FAA)**
 - Identify operational task, conditions, and standards needed to accomplish military objectives
 - **Result:** Tasks to be accomplished
- **Functional Needs Analysis (FNA)**
 - Assess ability of current and programmed capabilities to accomplish the tasks
 - **Result:** List of capability gaps
- **Functional Solutions Analysis (FSA)**
 - Operational based assessment of doctrine, organization, training, materiel, leadership/education, personnel, and facilities (DOTMLPF) approaches to solving capability gaps
 - **Result:** Potential integrated DOTMLPF approaches to capability gaps
- **Post Independent Analysis**
 - Independent analysis of approaches to determine best fit



JCIDS Analysis





JCIDS Documents

- **Initial Capabilities Document (ICD)**
 - **Identifies a capability gap or other deficiency**
 - **Describes evaluation of DOTMLPF approaches**
 - **Support Analysis of Alternatives (AoA), Concept Refinement and Milestone A**
 - **Not updated once approved**
- **Capability Development Document (CDD)**
 - **Identifies operational performance attributes of proposed system**
 - **System specific, applies to single increment (in an evolutionary program)**
 - **Results from Technology Development and supports Milestone B**

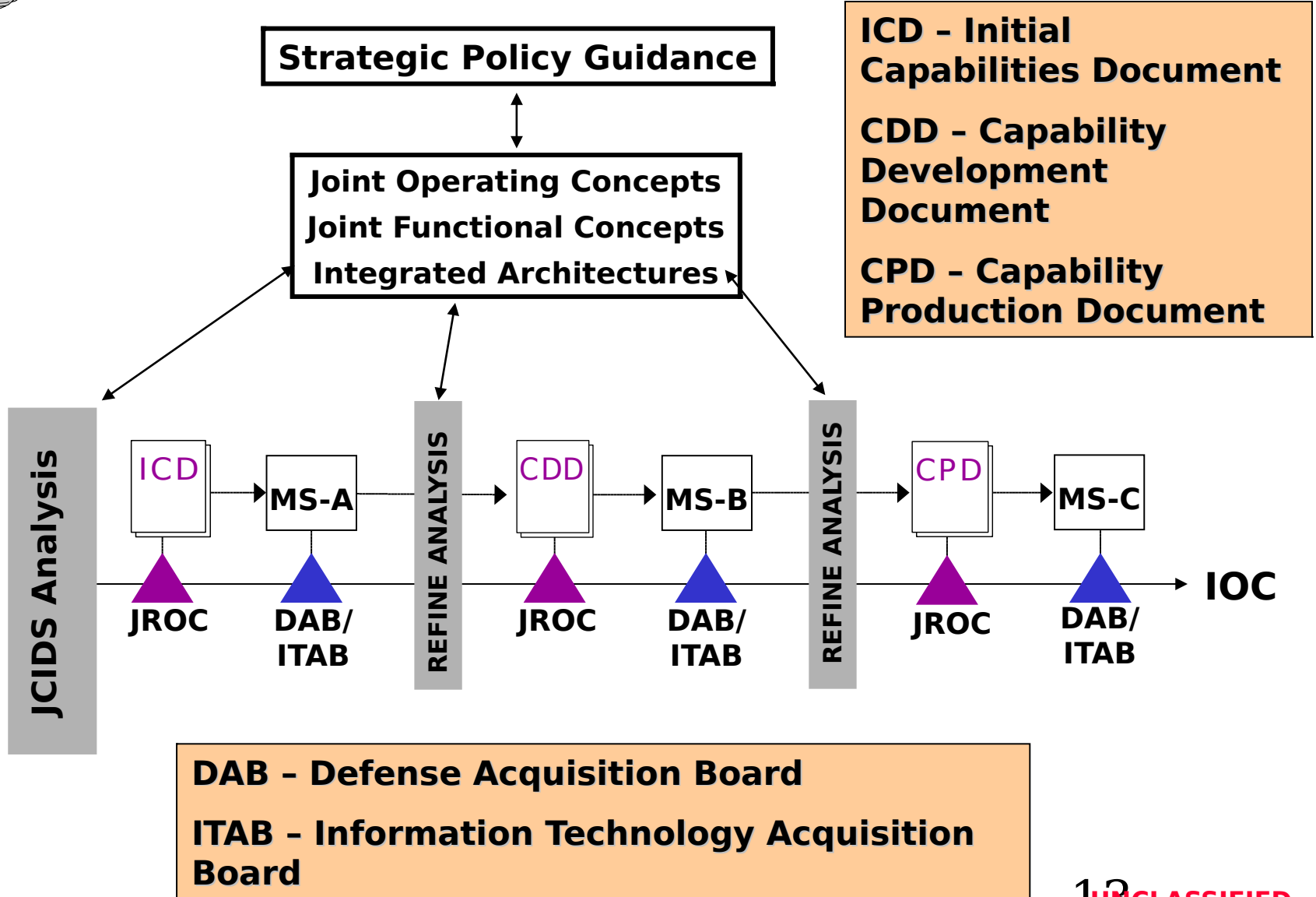


JCIDS Documents (cont'd)

- **Capability Production Document (CPD)**
 - Identifies production attributes for a single increment of a program
 - Prepared during System Development and Demonstration
 - Rewritten for each increment in an evolutionary program
- **Capstone Requirements Document (CRD)**
 - Describes overarching thresholds/goals and standards in functional areas
 - Useful for family-of-systems or system-of-systems approaches
 - Developed only at JROC direction
 - Eventually will be replaced by integrated



JCIDS Ties to the DOD 5000 Series





JCIDS Gatekeeper

Perform initial review of all JCIDS proposals

- **Support provided by JFCOM, J6, J7, J8, JWCAs**

The Gatekeeper will determine:

- **Joint Potential Designator**
- **Lead and supporting Functional Capabilities Boards (FCB)**
- **Lead and supporting Joint Warfighting Capability Assessment (JWCA) Teams**

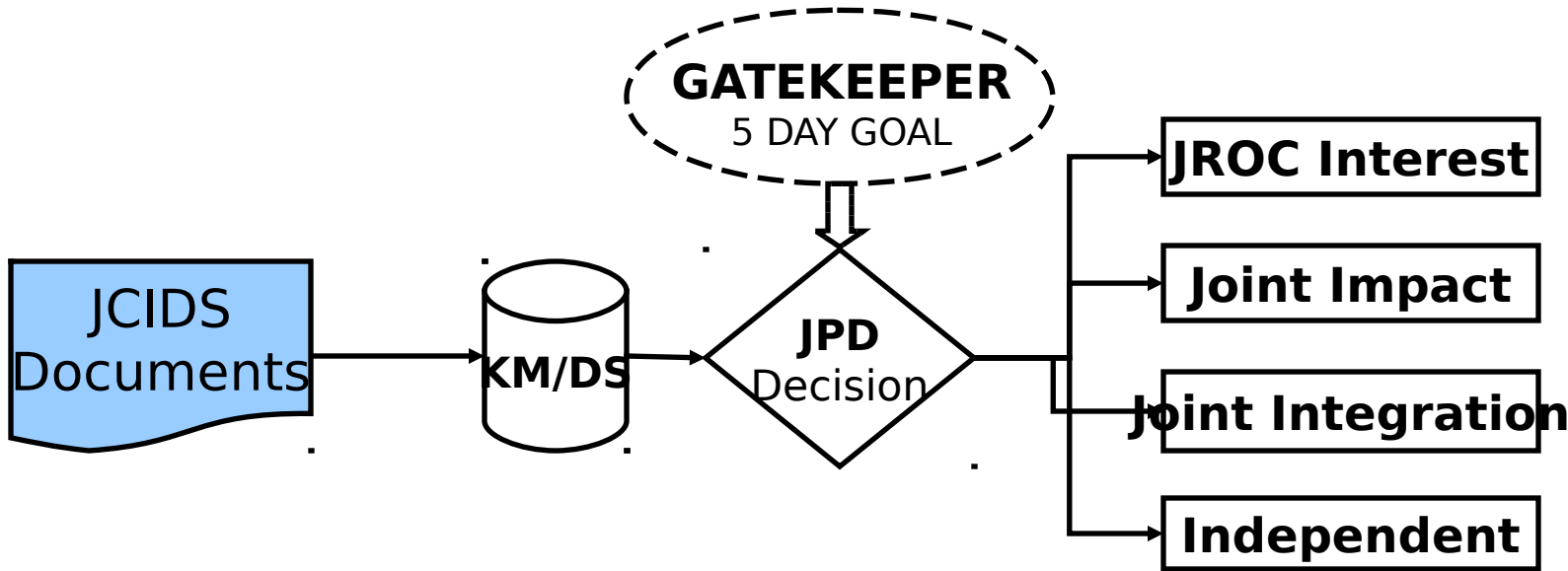


Joint Potential Designators (JPD)

- **JROC Interest**
 - All ACAT I/IA, CRDs, and DOTMLPF change proposals
 - Any other program so designated
 - JROC validates and approves
- **Joint Impact**
 - Any ACAT II and below program with significant impact on joint warfighting
 - FCB validates, Sponsor approves
- **Joint Integration**
 - Any ACAT II and below program without significant joint impact
 - Requires intelligence, munitions or interoperability certification
 - Sponsor validates and approves
- **Independent**
 - Any program not meeting the above criteria



Gatekeeping Process

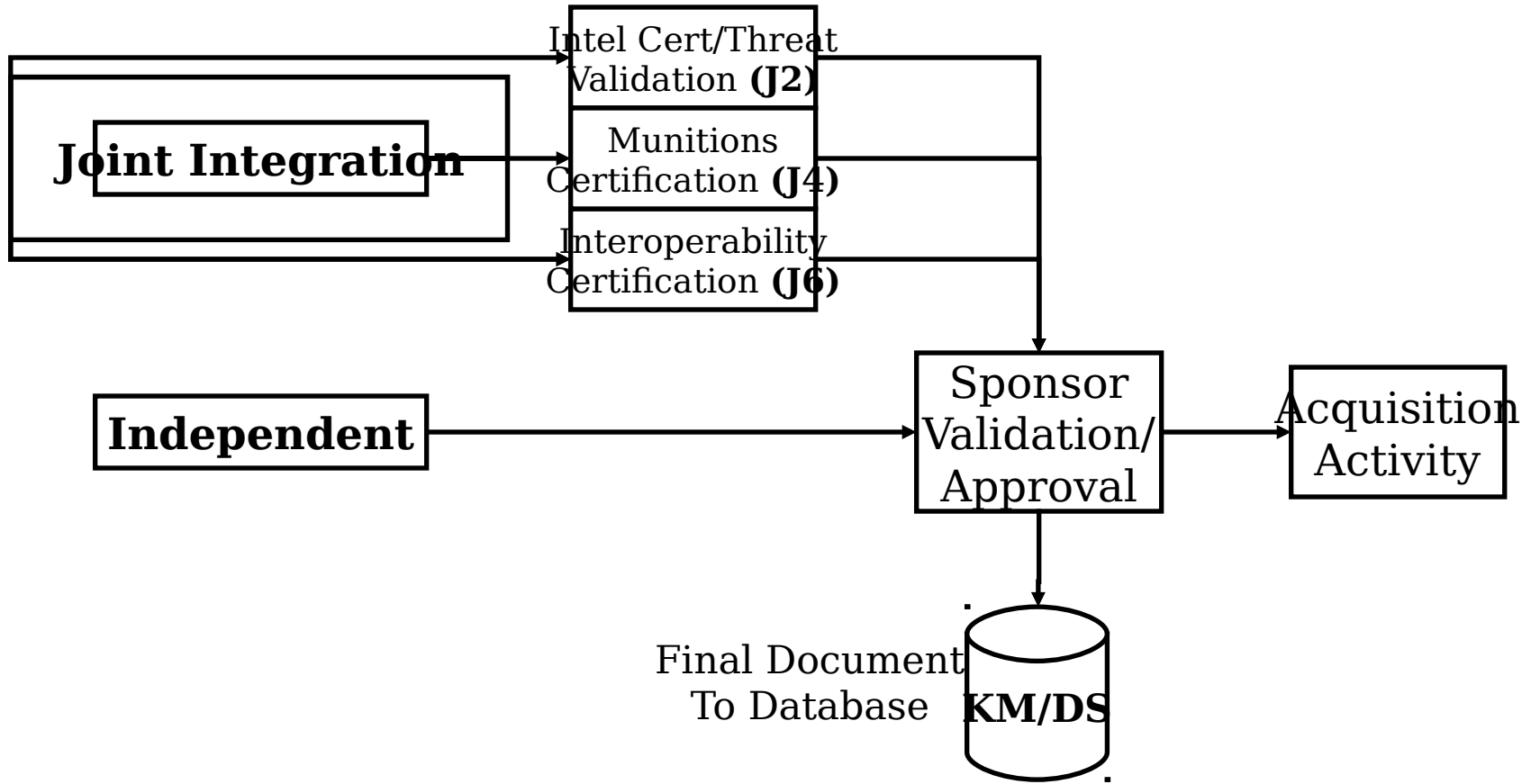


Developed by the Sponsor

KM/DS - Knowledge Management/Decision Support Tool

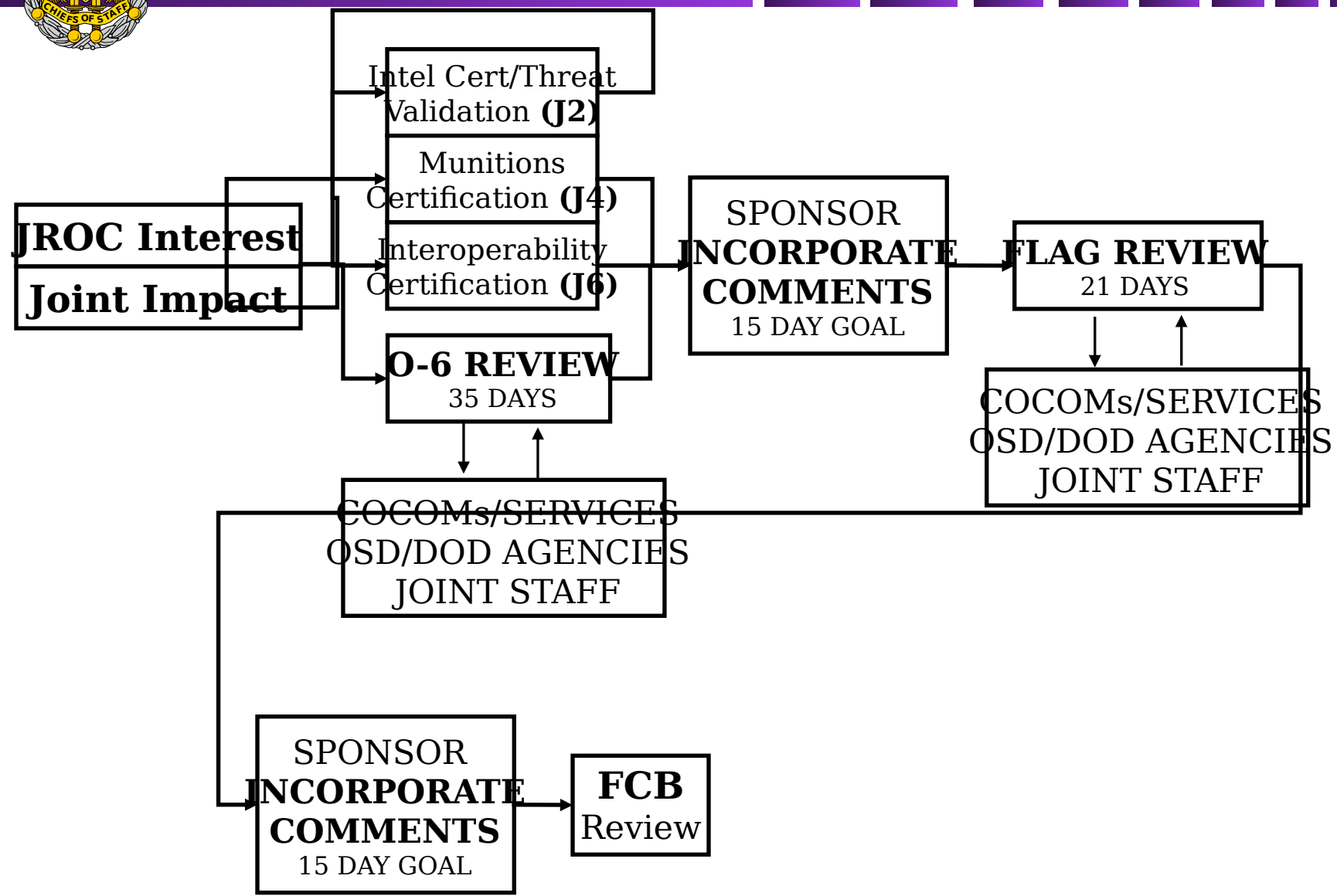


Joint Integration and Independent



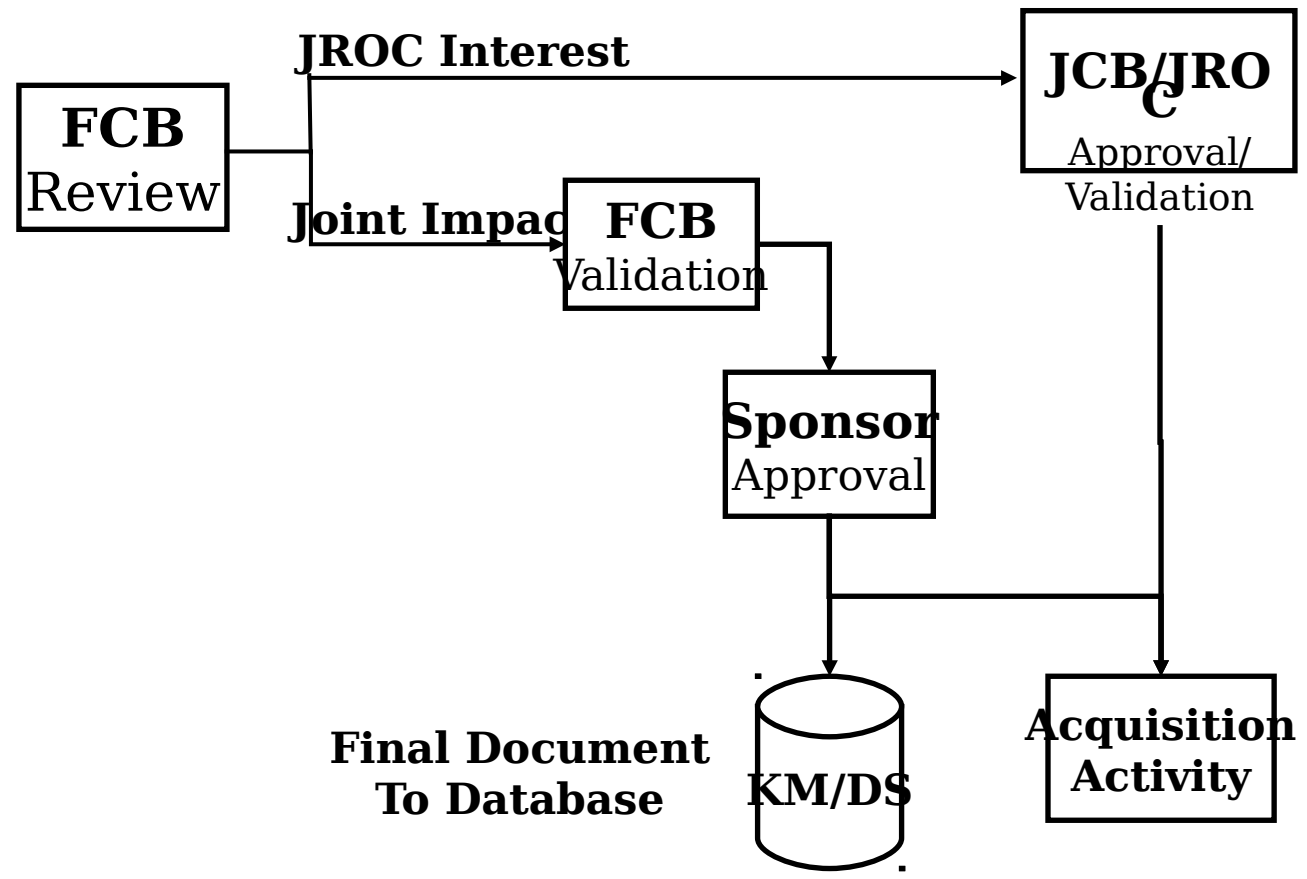


JROC Interest And Joint Impact Staffing





JROC Interest And Joint Impact Approval



Functional Capabilities Board



Responsibilities:

- **Ensure new capabilities are conceived and developed in joint warfighting context**
- **Ensure JCIDS proposals are consistent with integrated joint force**
- **Validate Joint Impact proposals**
- **Organize, analyze & prioritize capabilities proposals**
- **Oversee development and update of Functional Concept(s)**
- **Ensure integrated architectures (as available) reflect the functional area**
- **Leverage full resources of the Department**



Chartered FCBs

- **The JROC:**
 - **Charters FCBs**
 - **Assigns functional area(s) of responsibility**
 - **Identifies the lead organization(s) to chair**
- **One FCB initially chartered:**
 - **Joint Force Command and Control FCB**
 - **Consistent with responsibilities in MID 912**
 - **Others will be chartered at JROC direction**



Nominal FCB Membership

Principal Membership (O-6/GS-15 representatives)

- **Services**
- **Combatant Commanders**
- **USD for Acquisition, Technology, and Logistics**
- **USD for Intelligence**
- **ASD for Networks and Information Integration/DoD Chief Information Officer**
- **USecAF (Space)**
- **Defense Intelligence Agency**
- **Director, Program Analysis & Evaluation**
- **Mission Requirements Board Executive Secretary**

Advisory Membership

- **JWCA leads**
- **J-6E/I (interoperability advisor)**
- **J-8 Warfighting Concepts and Architectures Integration Division**
- **DOD laboratories & industry**

JWCA Responsibilities



- **Coordinate and assist sponsors during JCIDS analysis and document development**
- **Coordinate with the sponsor, as a resource of broadly-based knowledge, to resolve issues prior to or as a result of formal staffing**
- **Lead JWCA**
 - **Analyze capabilities documents, with supporting JWCAs, to ensure joint warfighting aspects have been considered**
 - **Provide a summary analysis and recommendation to the FCB/JCB/ JROC on validation and/or approval of JCIDS documents**
- **Supporting JWCA. Support the Lead JWCA analysis**
- **Continually review the assigned functional area, as directed by the JROC, to identify capability shortfalls**
- **Develop and maintain prioritized lists of capability shortfalls and current JCIDS proposals across the assigned functional area**
- **Support the Gatekeeper process for each JCIDS document**

Additional Information



- **Revised Chairman's Instruction and companion Manual are effective immediately**
- **New CJCSI 3170.01C and CJCSM 3170.01 are posted on the DTIC web site:**
http://www.dtic.mil/cjcs_directives
- **Resident and Distance learning available through the Defense Acquisition University**
<http://www.dau.mil>
- **Joint Staff POC: J-8/RAD**
(703)-614-9229

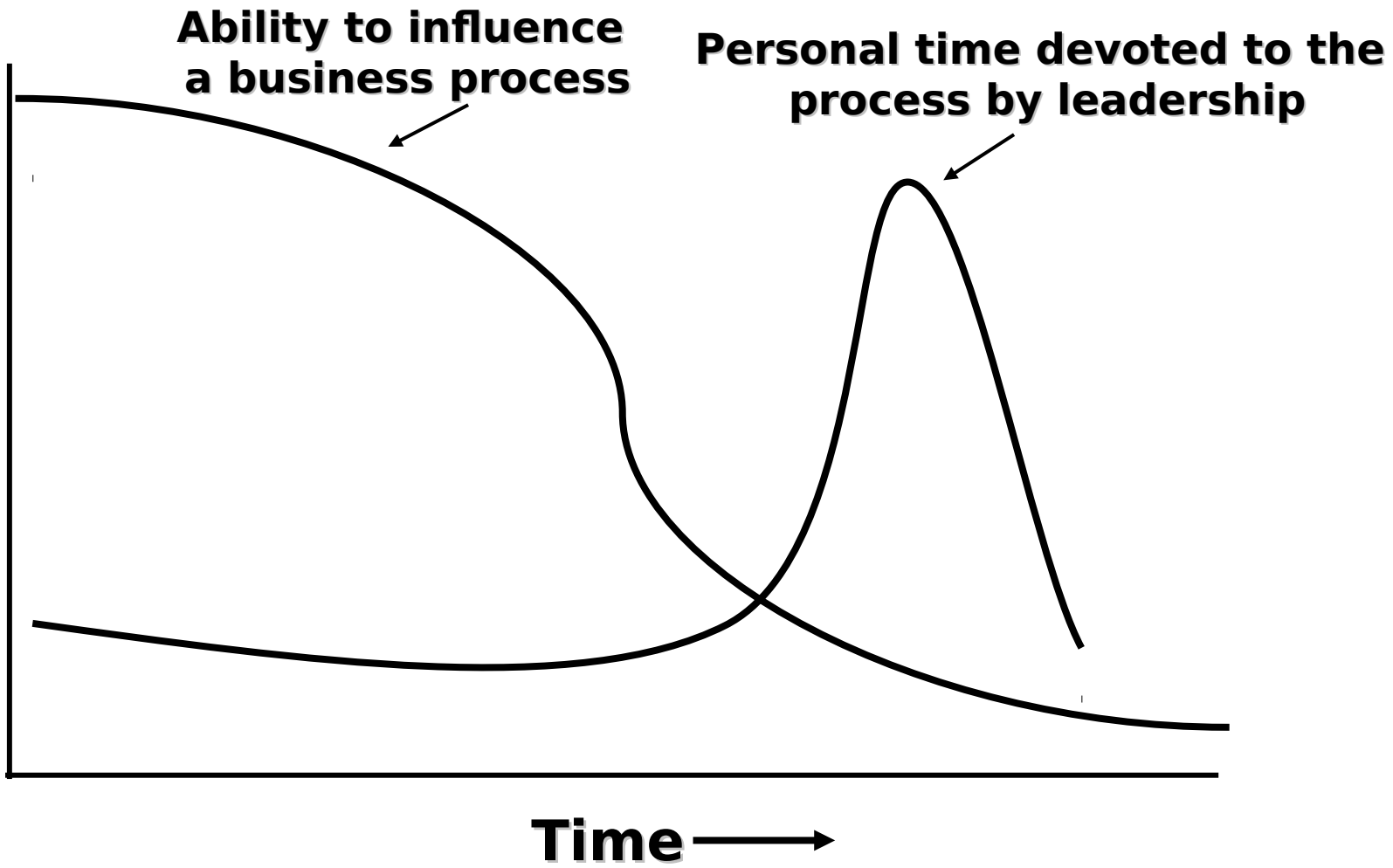




Back-up

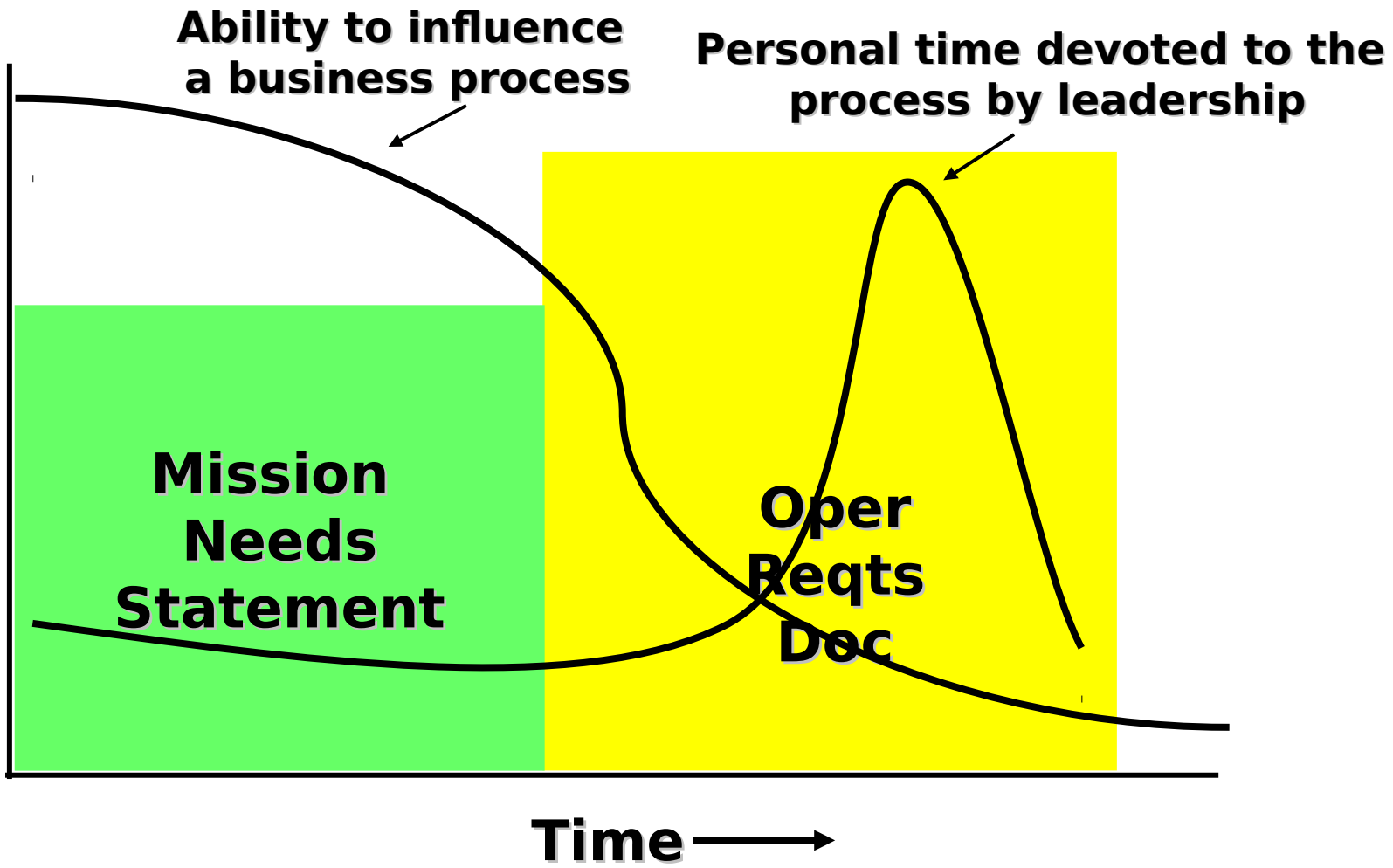


Symptoms of a Sick Process





Symptoms of a Sick Process





JCIDS Process

